

CALCIUM 3%

GUARANTEED ANALYSIS

Calcium (Ca) 3.0%
3.0% Chelated calcium
Derived from: calcium EDTA.

GENERAL INFORMATION

Calcium 3% is a fully chelated solution recommended for the prevention and/or correction of calcium deficiency in all crops when used as a part of a balanced fertility program. Calcium is critical for general plant vitality and promotes the growth of healthy young roots and shoots. Calcium also helps to build cell walls. This product can be used for seed treatment, soil, and foliar applications on agricultural crops.

APPLICATION & RATES

Foliar Application: Avoid applying this product when plants are suffering from moisture stress. If there is any doubt, apply the spray solution to a small test area of the crop or foliage to assess any undesirable effects or phytotoxicity before general application.

Field, Row, Vegetable Crops: Apply 1-2 pints per acre in a minimum of 20 gallons of water.

Fruit, Tree and Vine Crops: Apply 1-2 pints per acre in a minimum of 25 gallons of water. For smooth skinned fruit apply 1 pint per acre in 50-100 gallons of water.

Citrus: Apply 1-2 pints per 100 gallons of cover spray any time except during bloom.

Aerial: Apply 0.5-1 pint per acre in at least 10 gallons of water.

Soil Application: Calcium 3% is recommended for use on all types of soils. Because this is a concentrated solution, it should be diluted before use to ensure uniform coverage. Soil applications may be made by drip, sprinkler or furrow irrigation systems or in band or broadcast fertilizer applications. For trees or individual plants, the product may be diluted as above or sprinkled directly on the soil uniformly under the plant's drip line, then watered in. NOTE: The rates given below are based on broadcast application. If broadcast rates are used for spot or banded applications, phytotoxicity may result.

Field, Row, Vegetable Crops: Apply 2-10 quarts per acre.

Fruit, Tree and Vine Crops: Apply 2-12 quarts per acre or 2-10 tbsp per inch of tree diameter.

Ornamentals: Apply 2 tbsp for small shrubs and up to 2 tbsp per inch of tree diameter for large trees and shrubs.

Optimum rate of application will vary depending on treatment interval, soil properties (such as pH, organic matter content, texture), weather conditions, time of year, plant species and its nutrient requirements. For best results, follow soil/tissue test recommendation.

TECHNICAL DATA

Net Weight:
Weight Per Gallon lbs/gal @68°F 9.93
Specific Gravity 1.19
pH at 68°F 6-8
Freezing Point Do not store below 45°F

MIXING & HANDLING

Fill mix tank with half of required water volume and begin agitation. Add products in this order, mixing thoroughly after each addition: adjuvants, pesticides, then fertilizers. Fill tank with remainder of water and continue agitation until solution is completely mixed. Check chemical mixture compatibility using a jar test prior to application.

NET CONTENTS:

2.5 gallons (24.82 lb) 265 gallons (2,631.45 lb)



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